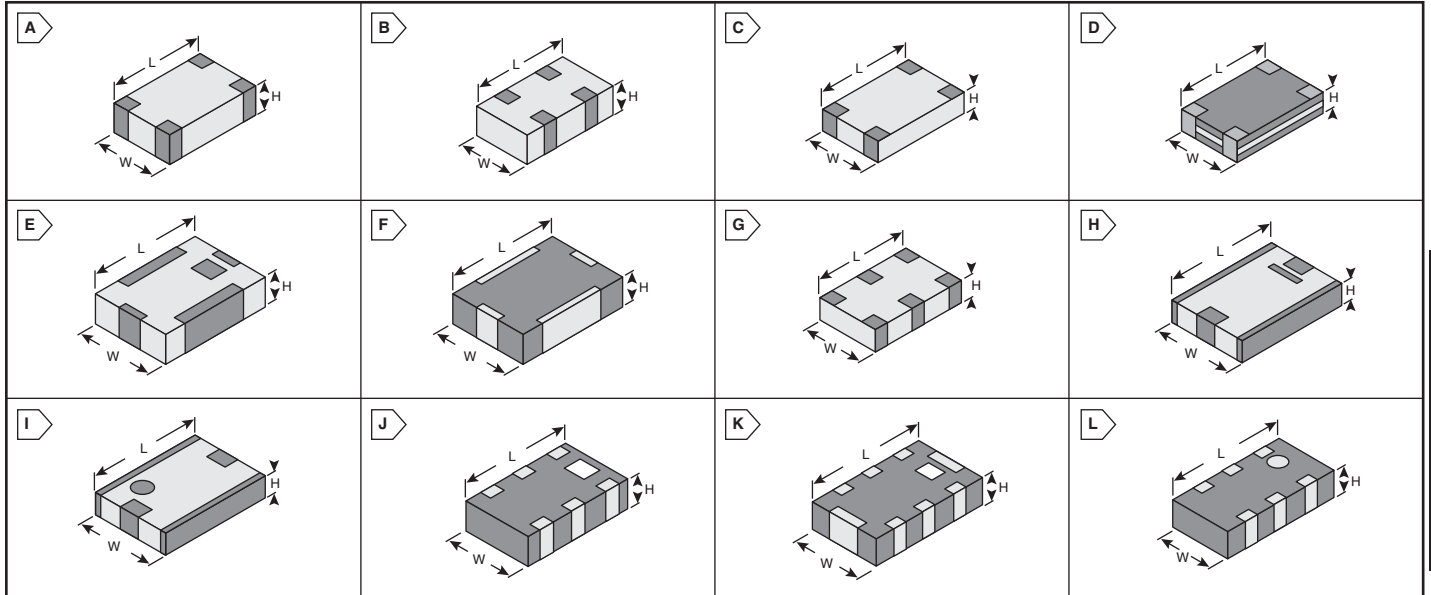


# WALSIN Filters and Diplexers

RoHS Compliant This product is RoHS compliant.



Antennas

Walsin

## COMMON MODE FILTERS USB 2.0/1394

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions (mm)			Common Mode Attenuation	Differential Mode Insertion Loss (dB)	DC Resistance (Ω)	Rate Current (mA)	Characteristic Impedance (Ω)	Price Each			
Mfr.	Mfr. Part No.		L	W	H						1	50	100	500
791	RFCMF1632140M2T	A	1.60±0.20	3.20 ±0.20	1.40±0.20	9.0 dB @140MHz~1GHz	0.8 @240MHz	2.5	300	90	1.18	.786	.542	.374
791	RFCMF1632100M3T	A	1.60±0.20	3.20 ±0.20	1.00±0.20	9.0 dB @240MHz~1GHz	0.6 @240MHz	1.5	300	90	1.18	.786	.542	.374
791	RFCMF1220100M3T	B	1.20±0.20	2.00±0.20	1.00±0.20	9.0 dB @240MHz~1GHz	0.6 @240MHz	1.5	300	90	.69	.463	.319	.22
791	RFCMF1220100M4T	B	1.20±0.20	2.00±0.20	1.00±0.20	9.0 dB @240MHz~1GHz	1.0 @240MHz	2.5	200	90	.69	.463	.319	.22
791	RGCMF1220080M5T	C	1.20±0.20	2.00±0.20	1.00±0.20	120Ω±20% @ 100HMz	-----	1.5	200	90	.42	.277	.191	.132
791	RFCMF1210080M1T	D	1.20±0.20	2.00±0.20	1.00±0.20	75Ω±20% @ 100HMz	-----	0.85	100	90	.62	.416	.287	.198
791	RFCMF1210080M2T	D	1.20±0.20	2.00±0.20	1.00±0.20	100Ω±20% @ 100HMz	-----	1	100	90	1.07	.716	.494	.341

## BAND PASS FILTERS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions (mm)			Frequency Range	Insertion Loss (dB) (Max)	Attenuation (dB) (Min)	VSWR (Max)	Impedance (Ω)	Price Each			
Mfr.	Mfr. Part No.		L	W	H						1	50	100	500
<b>2.4GHz ISM Band</b>														
791	RFBPF1608070A0T	E	1.60±0.15	0.80±0.15	0.70±0.10	2450 ± 50MHz	2.5	30 @960MHz, 25 @1910MHz, 20 @1990MHz, 30 @4800MHz, 25 @7200MHz	2.0	50	1.04	.695	.479	.33
791	RFBPF2012090A1T	F	2.00±0.15	1.25±0.15	0.90±0.10	2450 ± 50MHz	1.7	30 @900MHz, 20 @1850MHz, 30 @4800MHz			1.39	.925	.638	.44
791	RFBPF2012080A5T	G	2.00±0.15	1.25±0.15	0.90±0.10	2450 ± 50MHz	3.0	40 @880-960MHz, 40 @1710-1990MHz, 20 @2110-2170MHz, 40 @4800-5000MHz, 30 @7200-7500MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520120A1T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.7	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 40 @4800MHz, 25 @7200MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520120A2T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	2.1	30 @900MHz, 30 @1850MHz, 30 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520120A3T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.2	30 @900MHz, 30 @1850MHz, 25 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520120A4T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.7	30 @900MHz, 30 @1850MHz, 25 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520100A5T	I	2.50±0.20	2.00±0.20	1.00±0.10	2450 ± 50MHz	2.0	40 @900MHz, 30 @1990MHz, 20 @2100MHz, 35 @3200MHz, 40 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF2520100A6T	I	2.50±0.20	2.00±0.20	1.00±0.10	2450 ± 50MHz	1.4	35 @1900MHz, 35 @4800MHz	2.0	50	1.39	.925	.638	.44
791	RFBPF3225150A4T	H	3.20±0.20	2.50±0.20	1.50±0.10	2450 ± 50MHz	2.0	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 30 @4800MHz	2.0	50	1.74	1.16	.798	.55
791	RFBPF3225150A5T	H	3.20±0.20	2.50±0.20	1.50±0.10	2450 ± 50MHz	1.8	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 30 @4800MHz	2.0	50	1.74	1.16	.798	.55
<b>5.2/5.8GHz ISM Dualband</b>														
791	RFBPF2012100K0T	F	2.00±0.15	1.25±0.15	0.95±0.10	5400 ± 500MHz	-1.7@4.90GHz -1.5@5.25GHz -1.5@5.85GHz	-30 @3450MHz, -20 @11000MHz	2.0	50	1.39	.925	.638	.44

## DIPLEXERS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions (mm)			Central Frequency		Insertion Loss (dB)		Return Loss (dB) (Min)	Attenuation (dB)		Price Each			
Mfr.	Mfr. Part No.		L	W	H	Band 1	Band 2	Band 1	Band 2		Band 1	Band 2	1	50	100	500
791	RFDIP2012100L0T	J	2.00±0.15	1.25±0.15	0.95±0.10	2450±500MHz	5400±500MHz	0.7	0.9	10	-20 @4.9GHz -25 @5.2GHz -25 @5.8GHz	-25 @2.45GHz -25 @2.45GHz -25 @2.45GHz	1.88	1.25	.861	.594
791	RFDIP2012100L1T	K	2.00±0.15	1.25±0.15	0.95±0.10	2450±500MHz	5400±500MHz	0.7	0.9	10	-20 @4.9GHz -20 @5.2GHz -20 @5.8GHz	-20 @2.45GHz -20 @2.45GHz -20 @2.45GHz	1.88	1.25	.861	.594
791	RFDIP2012100L3T	L	2.00±0.15	1.25±0.15	0.95±0.10	2450±500MHz	5400±500MHz	0.7	0.9	10	-20 @4.9GHz -25 @5.2GHz -25 @5.8GHz	-25 @2.45GHz -25 @2.45GHz -25 @2.45GHz	1.88	1.25	.861	.594